

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TANAKA et al

Serial No.: 08/838,910

Filed: March 23, 1998

Title: OXYGEN CONCENTRATION DETECTOR



Examiner: T. Tung

Art Unit: 1744

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GROUP 1000
August 13, 1998

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AMENDMENT

Honorable Commissioner of
Patents & Trademarks
Washington, D. C. 20231

Sir:

Responsive to the Official Action dated April 15, 1998, kindly enter the following amendment and remarks.

IN THE CLAIMS

Kindly amend the claims as follows:

2. (Twice Amended) An oxygen concentration detector comprising:
a sensor element including a solid electrolyte and external and internal
electrodes provided on external and internal surfaces thereof, respectively;
a heater provided adjacent to said internal surface of said sensor element;
wherein said internal electrode consists of a material having [a porosity being
equal to or more than 0.5] an emissivity of 0.3 or more, and said external electrode consists of
a material having an emissivity lower than the emissivity of said internal electrode; and

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Inventor(s): TANAKA et al.
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Asst. Commissioner of Patents
 Washington, D.C. 20231

Sir:

Group Art. Unit 1744
 Examiner: Tung
 Atty. Dkt. PMS 235648 | 41897
 M# | Client Ref

(Our Deposit Account No. 03-3975)

(Our Order No. 30954 | 235648
 C# | M#

Date: August 13, 1998

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed <input type="checkbox"/> previously <input type="checkbox"/> herewith (No.)		Claims remaining after amendment		Highest number previously paid for		Present Extra		Large/Small Entity		Additional Fee		Fee Code			
2. Total Effective Claims		21		**minus		21		0		x \$22/\$11 =		+ 0		103/203	
3. Independent Claims		5		***minus		5		0		x \$82/\$41 =		+ 0		102/202	
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application).....add										+ \$270/\$135 =		+ 0		104/204	
5. Original due Date: July 15, 1998				<input type="checkbox"/> NONE											
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached				(1 mo)		\$110/\$55 =								115/215	
				(2 mos)		\$400/\$200 =		+ 110						116/216	
				(3 mos)		\$950/\$475 =								117/217	
7. Enter any previous extension fee paid since above original due date and subtract								-							
8.								Extension Fee Attached		+ 110					
9. If Terminal Disclaimer attached, add Rule 20(d) official fee								+ \$110/\$55 =		+ 0				148/248	
10. If IDS attached requires Official Fee,								+ \$240 =		+ 0				126	
or if Rule 97(d) Petition								+ \$130 =		+ 0				122	
11. After-Final Request Fee per rules 129(a) and 17(r)								+ \$790/395 =		+ 0				146/246	
12. No. of additional inventions for examination per Rule 129(b)								x \$790/395 ea =		+ 0				149/249	
13. Petition fee for										+					
14.								TOTAL FEE ENCLOSED =		= \$110					

15. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

16. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Madison & Sutro LLP
 Intellectual Property Group

By Atty: Michelle N. Lester

Sig:

Reg. No. 32331

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 Atty/Sec: MNL/lap

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

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